

CLAIMS

1. A method of optimizing data transfer in a cellular mobile radio system which implements a procedure liable to disturb said transfer of data, wherein said transfer
5 of data is continued during implementation of said procedure with a reduced size of the radio protocol data units transferred.

2. A method according to claim 1, wherein said procedure
10 is a cell change procedure.

3. A method according to claim 1, wherein said system is a GPRS system and said radio protocol data units are logical link control protocol data units obtained in
15 particular by segmenting higher level network layer protocol data units.

4. A cellular mobile radio network entity for implementing a method according to claim 1, the entity
20 including:

- means for transferring radio protocol data units of reduced size during implementation of said procedure.

5. An entity according to claim 4, including, when said
25 network is a GPRS network and said radio protocol data units are logical link control protocol data units obtained by segmenting higher level network layer protocol data units:

- means for segmenting said higher level protocol
30 data units into radio protocol data units of reduced size during implementation of said procedure.

6. An entity according to claim 5, the entity being a serving GPRS support node entity.

7. A mobile station for implementing a method according
35 to claim 1, the mobile station including:

- means for receiving radio protocol data units of reduced size during implementation of said procedure.

5 8. A mobile station according to claim 7, further including, when said network is a GPRS network and said radio protocol data units are logical link control protocol data units obtained for example by segmenting higher level network layer protocol data units:

10 - means for reassembling said higher level protocol data units into higher level radio protocol data units during implementation of said procedure.